Chapter 3
Operating instructions

Summary

This chapter describes the how to control and navigate through the TVR 30's menus and options.

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Control interfaces

The TVR 30 has three control interfaces:

- Built-in interface
- Display interface
- Web browser interface

Built-in interface. The built-in interface is displayed on the monitor output. It consists of a main menu and several dialog screens that let you configure and control the device. You can invoke the built-in interface using the front panel, remote control, or mouse.

Display interface. The display interface consists of various toolboxes that appear on top of the monitor image. These let you control live or playback video while in PTZ or playback mode. You can invoke the display interface from the built-in interface screens or from the mouse toolbar. The controls in any toolbox can be operated using the front panel, remote control, and mouse.

Web browser. The Web browser interface uses Internet Explorer to simulate the display and control functions of the VGA monitor on a remote PC. The Web browser interface can only be accessed by a PC with Internet access. See Chapter 5 “Using the Web browser” on page 39 for more information on the Web browser interface.

Controlling the TVR 30

You can control the TVR 30 using:

- Front panel control
- IR remote control
- Mouse control

Front panel control. Use the directional arrow buttons to select a command, option, or button on a screen. Use the Enter button to confirm a selection. Use the Esc button to cancel a selection.

IR remote control. Use the directional arrow buttons to select a command, option, or button on a screen. Use the OK button to confirm a selection. Use the Esc button to cancel a selection.

Mouse. Move the pointer to a command, option, or button on a screen. Click (with the left mouse button) to confirm a selection. Right-click to save and exit a screen.

You can use your preferred control method for any procedure, but in most cases we describe procedures using mouse terminology. Optional control methods are given only when they differ substantially from mouse control methods.

Front panel overview

The buttons on the front panel control all TVR 30 functions and set the programmable functions. The LED indicators light up or flash to alert you of various conditions.

Figure 3: Front panel

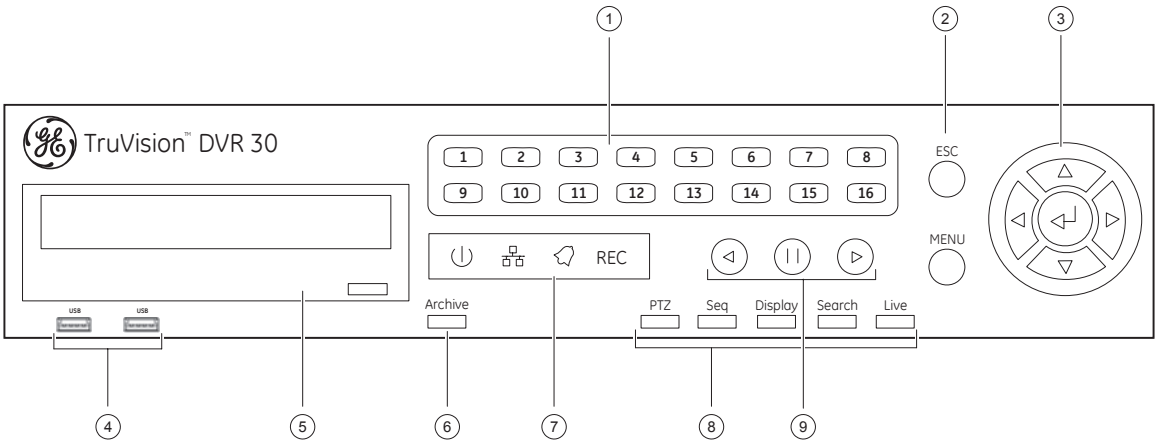


Table 2: Front panel button descriptions

Item	Name	Description
1	Numeric buttons	Display the corresponding video in full screen while in both live and playback mode. The number of the button corresponds to the camera number. Press and hold a numeric button for two seconds to display the corresponding video on the spot monitor. While in PTZ mode, press the 1 button to access the Set/Go Preset menu.
2	Menu and Esc controls	Press Esc to exit a screen or cancel a selection. Press Menu to display the main menu.
3	Directional Controls And Enter button	Use arrow buttons as directional keys in zoom mode. While in a setup menu, use the Left or Right Arrow keys to navigate through fields. Use the Up or Down Arrow keys to change the value of a selected field. Press Enter to confirm the selection or display additional screens.
4	USB ports	Connect USB devices.
5	CD/DVD drive	Insert media for archiving.

Item	Name	Description
6	Archive button	Begin archiving or displays the Archive screen. Press once to begin copying a video segment for export while in playback mode. Press again to stop copying. See "Archiving recorded files" on page 34 for more information.
7	Status LEDs	Display device status and conditions. See "Status LEDs" below for more information.
8	Function buttons	Change the TVR 30 operating mode. For example, press PTZ to go into PTZ mode. See "Operating modes" on page 17 for more information.
9	Playback controls	Control video playback speed.

Status LEDs

The LEDs on the front panel of the DVR are described as follows.

Table 3: Status LED descriptions

LED	Name	Description
⏻	Power	Steady indicates that the correct power is connected to the unit.
品	Network	Blinking indicates that the DVR is connected to a network.
🔔	Alarm	Steady indicates that an alarm is triggered.
REC	Record	Blinking indicates that the TVR 30 is recording. Steady indicates hard drive failure.

Using the mouse

Use the USB mouse provided with the TVR 30 to carry out the same operations as the front panel and remote control. Connect the mouse to the TVR 30 by plugging the mouse USB connector into one of the USB ports on the front panel. The mouse is immediately operational and the pointer should appear.

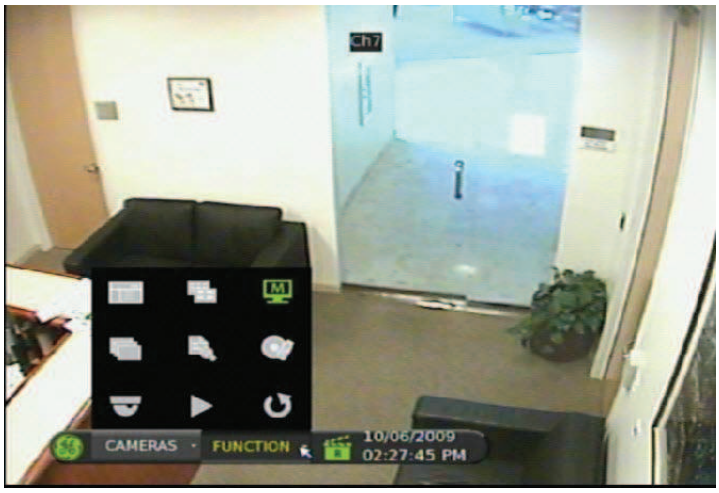
Click the left mouse button to enter or confirm a selection. This is similar to pressing Enter button on the front panel. Click the right mouse button to the exit setup menus and save the settings. Use the scroll wheel to change values.

Mouse toolbar

While in live, playback, or sequence mode, point to the date and time to display the mouse toolbar, as shown in Figure 4 below.

Note: To move the mouse toolbar to a different position, click and drag the date and time display.

Figure 4: Mouse toolbar



Mouse toolbar icons

Table 4 below describes the icons that appear on the mouse toolbar.

Table 4: Mouse toolbar icons

Icon	Description
	User is logged in. Numerical value indicates the user's access level. User icon with a G character indicates that the device requires logon credentials to access the main menu.
	The device is recording.
	The device is recording an alarm event.
	The device is in sequence mode.
	The device's front panel is locked.
	The device is in archive mode.
	Indicates the starting point of a video segment for archive while in playback mode.

Icon	Description
	Indicates the ending point of a video segment for archive while in playback mode.
	The device is in PTZ mode.
	The device is playing video forward.
	The device is fast forwarding video playback.
	The device is playing back video reverse.
	The device is fast reversing video playback.
	Video playback is on pause.
	Video playback has reached the end of a video segment.
	Indicates the amount of available hard disk space left.
	Indicates the hard disk is full.

Camera commands

The camera commands appear when you point to Cameras on the mouse toolbar. Click a camera number to display that camera in live mode.

Function commands

The function commands display when you point to Functions on the mouse toolbar.

Table 5: Mouse toolbar function commands

Icon	Name	Function
	Main menu	Displays the main menu
	Multiscreen	Toggles through the available multiscreen displays including full screen, four-screen, nine-screen, and 16-screen.
	Monitor	Toggles between main and spot monitor. M indicates the main monitor is currently selected. S indicates the spot monitor is currently selected.

Icon	Name	Function
	Sequence	Launches the sequence mode. Sequence mode refers to the display of live video in programmed sequence of cameras.
	Search	Displays the Search screen.
	Archive	Lets you archive video. Archives the video being played back while in playback mode.
	PTZ	Launches PTZ mode.
	Play	Plays back video instantly starting at one minute from the current date and time.
	Esc	Hides the function commands.

Using the IR remote control

The IR remote control buttons are similar to those on the TVR 30 front panel. You can use the remote control to perform any TVR 30 function.

Figure 5: IR remote control

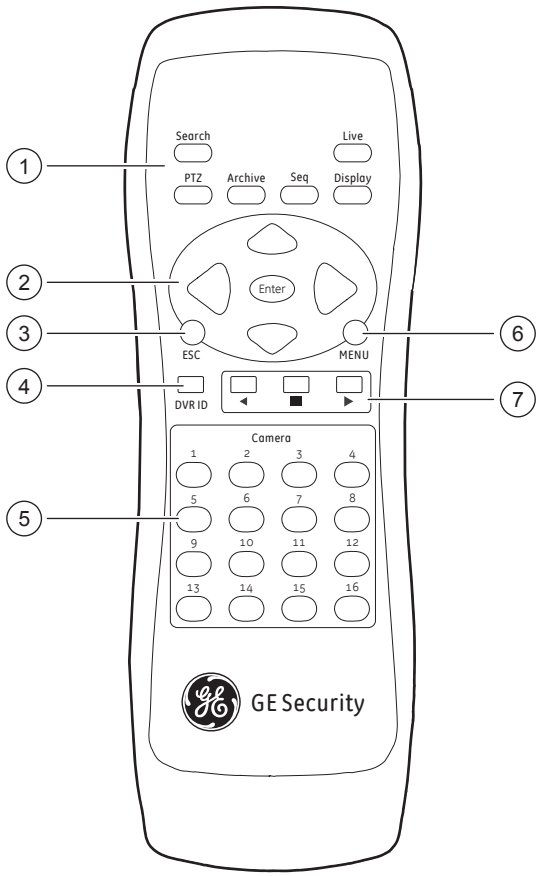


Table 6: IR remote control descriptions

Item	Name	Description
1	Function buttons	Change the TVR 30 operating mode. For example, press PTZ to go into PTZ mode. See “Operating modes” on page 17 for more information.
2	Directional controls and Enter button	In menu mode, navigate and select commands. In PTZ mode, use for PTZ controls. While in a setup menu, use the Left or Right Arrow keys to navigate through fields. Use the Up or Down Arrow keys to change the value of a selected field.
3	Esc	Exit a screen or cancel a selection.
4	DVR ID	Switch control between different TVR 30 units.

Item	Name	Description
5	Numeric buttons	In live mode, display the corresponding camera. In edit mode, enter numeric characters.
6	Menu	Display the main menu.
7	Playback	Control video playback speed.

To place batteries into the IR remote control:

1. Remove the battery cover.
2. Insert the batteries (AAA). Make sure that the positive and negative poles are correctly placed.
3. Replace the battery cover.

To connect the remote control to the TVR 30:

1. Turn on the TVR 30 and wait for live video to appear.
2. On the remote control, press the DVR ID button, and then press the 1 button.

   Note: The numeric button depends on the remote ID assigned to the TVR 30. The remote ID assigned is 1 by default. See "Controlling multiple DVRs with one remote control" below for more information.
3. The remote control is now operational.

Controlling multiple DVRs with one remote control

You can control up to 16 DVRs with one remote control. Each DVR must have a unique remote ID assigned. To connect the remote control to a DVR, press the DVR ID button on the remote control, and then press the numeric button with the desired remote ID. For more information on assigning a remote ID to a DVR, see "Audio and remote" on page 71.

Operating modes

Table 7 below describes the various operating modes for the TVR 30.

Table 7: TVR 30 operating modes

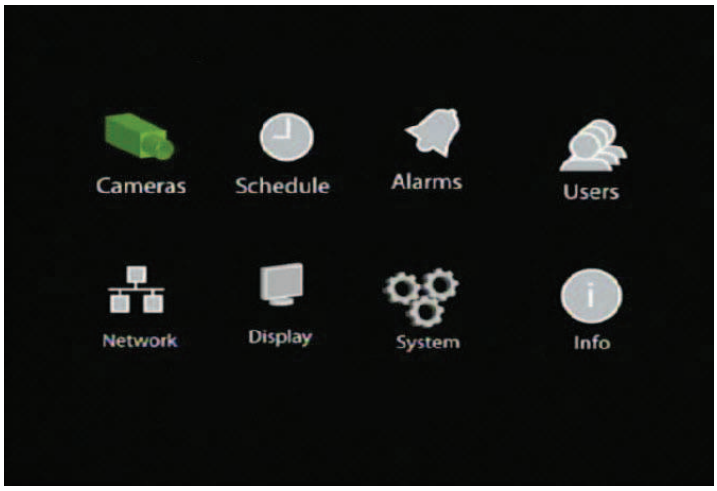
Mode	Description
Live	Displays live video from a specific camera.
Sequence	Displays live video in a programmed sequence of cameras.

Mode	Description
Menu	Displays menu options for configuration.
PTZ	Displays live video from multiple cameras in a programmed sequence.
Playback	Plays back recorded video.
Freeze	Freezes live or playback video.
Spot	On-screen display for spot monitor.

Main menu overview

The built-in interface of the TVR 30 includes a main menu screen with eight command buttons. Each command displays a dialog screen that lets you edit a group of TVR 30 settings. The main menu screen is shown in Figure 6 below. Access to different option screens varies depending on your access privileges. Most screens are available only to system administrators. The menu icon is highlighted when selected.

Figure 6: Main menu



Main menu commands

Table 8 below describes the commands available for each menu items.

Table 8: Main menu commands

Command	Description
Cameras	Configures camera settings including motion detection, PTZ, video image adjustments, camera title, and copy settings to other cameras.

Command	Description
Schedule	Configures recording and schedule settings including recording quality, and schedule definitions.
Alarms	Configures alarm settings including alarm input, relay output, video loss detection, remote alert, prealarm, and post-alarm seconds.
Users	Configures users, passwords, access privileges, and defines privilege levels.
Network	Configures standard network settings including IP address, e-mail notifications, DDNS setup, and advanced network settings.
Display	Configures display settings including sequence order, dwell time, on-screen alerts, display formats, and transaction overlay.
System	Configures system settings including system date and time, audio output, device name, RS-485 settings, RS-232 settings, firmware upgrade, hard drive settings, boot log, and shutdown.
Info	Displays the unit's system information including model ID, network address, firmware version, and MAC addresses.

Using the main menu

Use the mouse or directional arrow keys to navigate through the menu commands and display the configuration screens. To display the main menu, click the Menu button on the mouse toolbar or press the Menu button on the front panel or remote control.

Navigating through dialog screens

Each dialog screen includes various options and buttons as seen in Figure 7 on page 20. The frame surrounding an option or button indicates that this option (or button) is currently selected.

Use the mouse to select any option or button on the screen. You can also use the directional arrow buttons (Up, Down, Left, or Right) to navigate through the options. Changes to screen settings can be entered in various ways as shown in Table 9 on page 20.

Saving your changes

Closing a screen, either by clicking the X button at the top right corner or by right-clicking, automatically saves and applies your changes. You cannot cancel or undo any changes you have entered in a dialog screen.

Figure 7: Cameras menu

Table 9: Field entry types

Type	Description
List box	Provides more than two values for the option. Only one of them can be selected. Click the scroll arrows at the right-hand side of the box to scroll through the possible values. You can also use the Up or Down Arrow buttons to select a value.
Edit box	Lets you to enter characters into the settings, such as camera name. Enter characters into an edit box through the virtual keyboard. See "Using the virtual keyboard" below for more information.
Button	Triggers a special function or allows you to display a new screen. For example, click the Setup button to display the setup screen.

Using the virtual keyboard

The virtual keyboard allows you to enter a full range of alphanumeric characters, such as camera name, through a virtual keyboard as shown in Figure 8 on page 21. The virtual keyboard automatically displays when entering values in an edit box field. You can use the front panel, IR remote control, or USB mouse to enter characters with the virtual keyboard.

Figure 8: Virtual keyboard

To enter characters in an edit box:

1. Highlight the edit box.
2. Click the mouse within the action frame (or press Enter in the front panel or remote control) to display the virtual keyboard.
3. Select the characters required.
4. When finished, click OK on the virtual keyboard to close the keyboard.

Exiting the main menu

Click Esc on the mouse toolbar (or right-click) or press Esc on the front panel or remote control to exit the main menu and return to live mode.

Chapter 4
Basic operation

Summary

This chapter describes the basic operation of the TVR 30 such as how to turn on the unit, log on, control a PTZ camera, play back video, and archive recorded video files.

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Turning on the TVR 30

Before turning the TVR 30 power on, connect at least one monitor to the main video out or the VGA interface. Otherwise, you will not be able to see the user interface and operate the device. Use the power switch on the back panel to turn on the unit.

Live mode

The TVR 30 automatically enters into live mode once powered on. Live mode refers to the mode in which the TVR 30 displays live video from cameras. The TVR 30 on-screen display presents information such as the camera title, the current operating mode, and the date and time information as shown in Figure 9 below.

Figure 9: On screen display

1. Camera title
2. Mouse toolbar

Note: To the camera title to a different position, right-click the mouse, and then select a new position while in live mode.

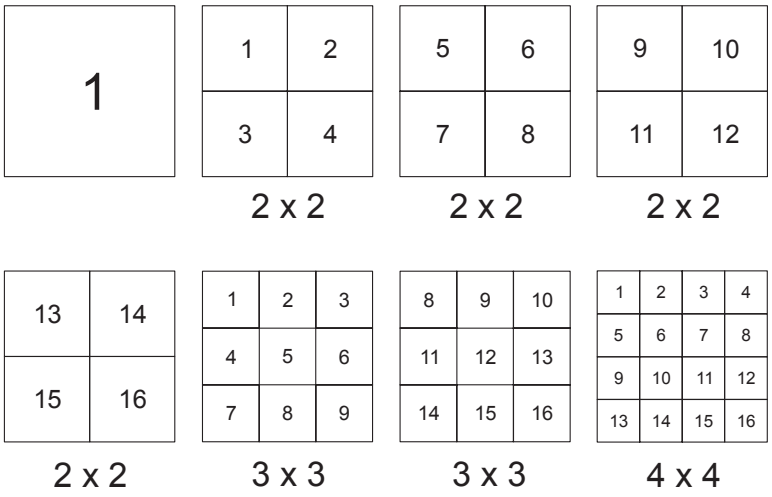
Viewing in full screen

Press a numeric button to switch to the corresponding camera display. For example, press 2 to view camera 2.

Viewing in multiscreen

Use the Display button on the front panel to cycle through different display formats. Figure 10 below displays the multiscreen formats available as defaults.

Figure 10: Display formats



Spot monitor

To connect the spot monitor:

1. Connect the spot monitor to the Spot video out port on the back panel using a composite cable.
2. While in live mode, press and hold a numeric key for two seconds on the front panel or remote control.
3. The spot monitor displays the corresponding camera in full screen.

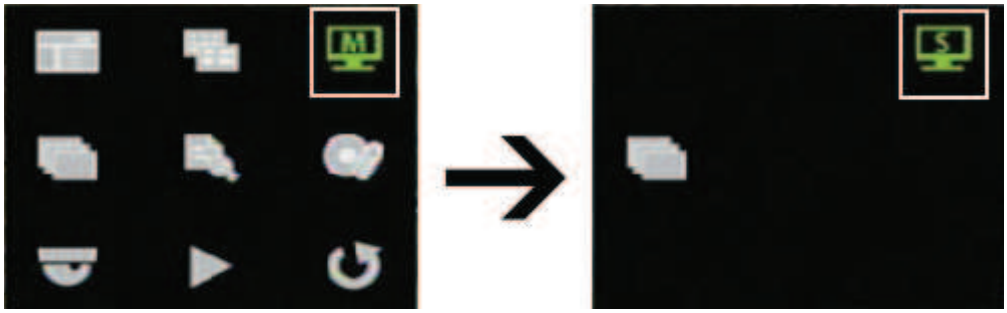
   The spot monitor only supports full screen mode.

Note: Make sure that there is video signal input. Otherwise the spot monitor will only show a blank screen.

Controlling the spot monitor

Press and hold a numeric button for two seconds to display the corresponding camera in full screen. Additionally, press and hold the SEQ button (on the front panel or remote control) to initiate sequence mode on the spot monitor. Alternatively, click the Monitor button on the mouse toolbar to toggle to the spot monitor function, and then click the Sequence button to begin sequence, as shown in Figure 11 below.

Figure 11: Spot monitor function



Logging on

The TVR 30 is shipped with a predefined user for the system administrator. The default system administrator logon uses “admin” as a user name with a password of 1234. You can modify the admin password but not the admin user name. GE Security recommends that you change the admin password once you have completed the installation and setup to protect against unauthorized access. The seven predefined standard users are labeled User1 to User7 with a default password of 4321 and level 4 access. The administrator can customize these users and define their privileges. For more information, see “Managing users” on page 49”.

To log on to the TVR 30 user interface:

1. Click Menu.
2. Select a user in the Account field.
3. Use the mouse or the Down Arrow button to select the Password field.
4. Enter the corresponding password.
5. Click Confirm to enter the main menu.

Controlling a PTZ camera

PTZ mode lets you to control the PTZ operation of the cameras using a TVR 30 PTZ interface. You can control PTZ cameras using the buttons on the front panel and IR remote control or by using the PTZ control icons on the mouse toolbar. To enter PTZ mode, you must have PTZ control access privileges.

Note: The TVR 30's support for Digiplex (GE RS-422) is limited. As a result, you may not be able to control Digiplex domes with a multiplexer unless the camera's output connects to the input of a keypad.

Accessing PTZ mode

To access PTZ mode, select a camera using the numeric buttons (on the front panel, remote control, or the mouse toolbar). Click PTZ in the mouse toolbar or press the PTZ button on the front panel or remote control. The PTZ control interface displays as shown in Figure 12 below.

Note: You can only access the PTZ control interface while in live mode.

Figure 12: PTZ control interface

PTZ control buttons

When you enter PTZ mode, the PTZ control interface displays. In PTZ mode, the numeric buttons control additional PTZ functions. Table 10 on page 28 lists the front panel keys and their PTZ control functions.

Table 10: Front panel PTZ control function

Front panel key	PTZ control
8	Zooms out
16	Zooms in
7	Focuses near
15	Focuses far
6	Closes iris
14	Opens iris
Enter	Auto focus/iris
Esc	Exits PTZ mode

Calling up a preset PTZ point

To call up a preset PTZ point:

1. Click on a camera in the mouse toolbar or use the numeric buttons to select a camera.
2. Click the PTZ icon in the mouse toolbar or press the PTZ button to display the PTZ control as shown in the figure below.

3. Click the Preset icon (or press 1 on the front panel or remote control) to access the Set/Go Preset function as shown in the figure below.

4. Enter a preset number.

5. Click Go Preset. The selected camera adjusts to the settings of that preset number.

Exiting the PTZ control mode

Press Esc to exit the PTZ control mode and return to live mode.

Playing back video

The TVR 30 allows you to play back recorded video. This section describes the features and methods in playing back video.

There are several ways to play back recorded video:

Instant playback. Play back instantly, starting from the last recorded minute in live mode.

Searched video playback. Play back video starting from a specific date and time.

Instant video playback

To play back video instantly, press the Play button on the front panel, remote control, or mouse toolbar. The TVR 30 plays back recorded video from the selected camera starting from the last recorded minute in live mode.

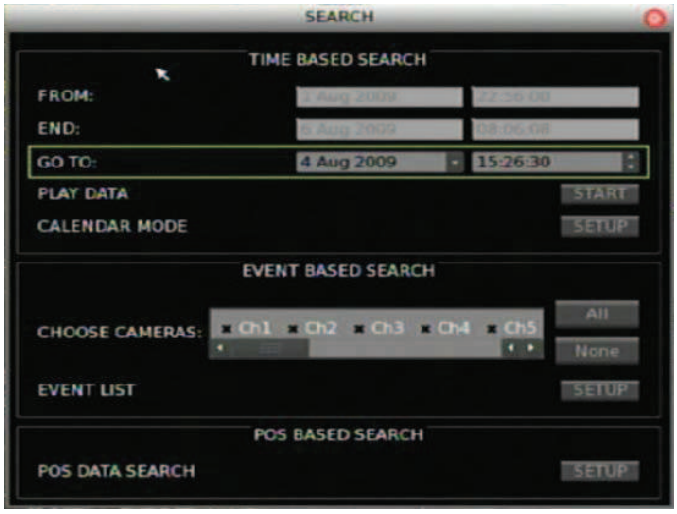
Searching video for playback

The TVR 30 lets you search and play back recorded video based on the following search criteria:

- Date and time
- Events
- Text (if a POS machine is connected)

While in live or playback mode, click Search to display the Search menu as shown in Figure 13 on page 30.

Figure 13: Search menu

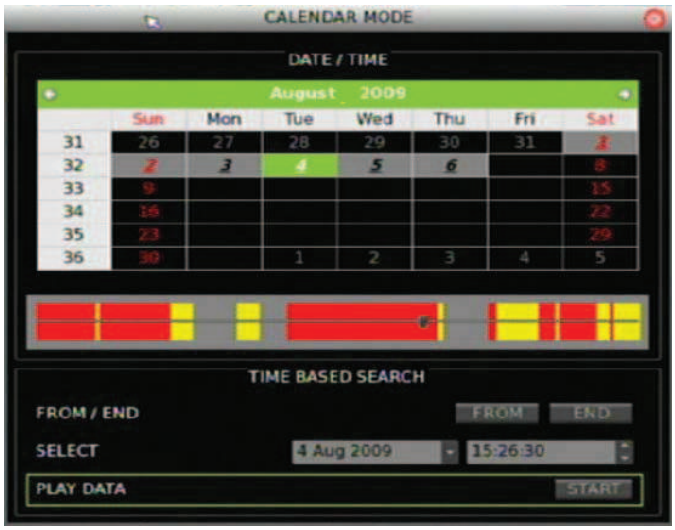


To search for recorded video by date and time:

1. Click Search to display the Search screen.
2. Enter a start date and time in the Go To field.
3. Click Play Data. Recorded video will begin to play back starting from the specified date and time.

To search for recorded video using the Calendar Mode:

1. Click Search to display the Search screen.
2. Click Calendar Mode. The Calendar Mode screen displays as shown in the figure below.



3. Select a date from the Calendar.

Click on a date or use directional arrow keys to select a date. Dates that appear in italics and underlined indicate recorded video available for that day. Days highlighted in gray indicate that the days are within the start and end time of the database. Days not highlighted indicate that the days are beyond the start and end time of the database.

4. Select a start time using the timeline.

   The timeline displays a 24-hour period for the specified date. Yellow areas indicate normal recorded video. Red areas indicate events that occurred that day. You can click anywhere in the timeline to specify a start time for the video you want to play back. If you are using the front panel or remote control keys, highlight the From/End option and press Enter to move the marker at the start or end points of the video segment.

   If using the front panel or the remote control to navigate through the Calendar Mode, use the Select fields to specify a start date and time.

5. Click Play Data to begin playback.

To search for recorded video by events:

1. Click Search to display the Search screen.
2. In the Choose Camera box, select the cameras you want to use in your search. You can select more than one camera or all cameras.
3. Click Event List to display the Event List screen.
4. Click an event from the Event List to play video.

Searching for recorded video by POS text

The TVR 30 lets you to search for video based on text data from a point-of-sale (POS) device connected to the unit. You can search using any of these methods:

- By text
- By numeric value
- By date and time
- By camera

Text. When searching by text, you can search for video with data containing the exception string defined using the setup menu. You can also enter two word strings and search for video with data containing either one of the word strings or both of the word strings. Alternatively, you can specify only one word string.

Value. When searching by value, you can enter two numeric values to specify a range. You can search for videos with data containing values within or outside the

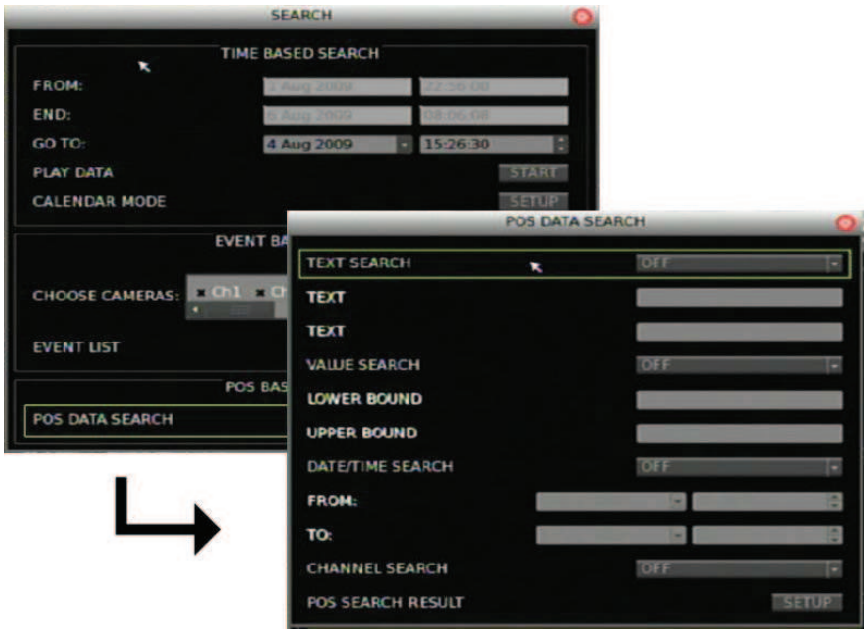
specified range. Additionally, you can enter a single value and search for videos with data containing values less than, equal to, or greater than that value.

Date/Time. When searching for video based on POS data, you can narrow your search by specifying a date and time range.

Camera. When searching for video based on POS data, you can narrow your search by specifying a camera.

To search for recorded video by POS text:

1. Click Search to display the Search screen.
2. Click POS Data Search. The POS Data Search screen displays as shown in the figure below.



3. Specify your search criteria.

   Before entering any search criteria, highlight the search type field and specify how you want the search criteria to be handled. For example, if searching for data containing the text words “sale” and “charge,” highlight the Text Search field and select the AND option. Then enter the search words in the Text fields, one word for each field. When specifying a numeric value range, enter the lower number in the Lower Bound field and the higher number in the Upper Bound field.

4. Click POS Search Result to display your search results.
5. Click a search result to play back the resulting video.

   Note: Make sure the Transaction Overlay (POS) box in the Display screen is set to include playback.

Playback controls

When viewing recorded video, several options are available to control playback. You can control playback using the front panel, the mouse toolbar (as shown in Figure 14 below), or the remote control.

Note: Playback control on the mouse toolbar automatically hides if there is no mouse activity for more than five seconds. The playback toolbar reappears when you move the pointer over the toolbar.

Figure 14: Playback controls

Playback control options

Option	Description
Play reverse	Plays video backwards at a speed based on how many times you press the key. Press once to play video 1x, twice for 2x, etc. Speeds include: 1x, 2x, 4x, 8x, 16x, and 32x.
Pause	Pauses the video playback.
Play forward	Plays video forward at a speed based on how many times you press the key. Press once to play video 1x, twice for 2x, etc. Speeds include: 1x, 2x, 4x, 8x, 16x, and 32x.

When video is paused, use the left or right button to jump back to the previous frame or forward to the next frame.

Exiting playback mode

To exit playback mode, press Live or click the Live button on the mouse toolbar.

Archiving recorded files

Archive recorded files using an external device. There are two ways to archive recorded files:

Quick Archive. Quick archive lets you archive recorded files quickly by using the Archive button on the front panel and remote control.

Archive screen. Use the Archive screen (shown in Figure 15 below) to specify archiving settings such as date range, events, and data type.

Figure 15: Archive screen

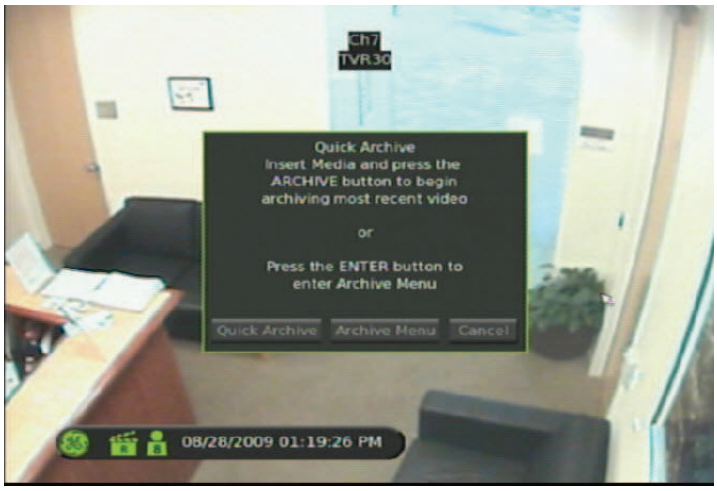
Using Quick Archive in live mode

To archive recorded video using Quick Archive while in live mode:

1. Insert the backup device.

   If using a USB memory drive, insert the device into the USB port on the front panel. If using a digital video disc (DVD), insert the disc into the DVD drive. If both media are found in the TVR 30, the USB device takes precedence over the DVD.

2. Press the Archive button on the front panel or the remote control. The Quick Archive hint screen displays as shown in the figure below.



3. Click Quick Archive to begin archiving.

   The TVR 30 archives the latest recorded video onto the backup device until the medium is filled to its capacity or all video found in the unit have been exported.

Using the Archive screen in live mode

To archive recorded video using the Archive screen in live mode:

1. Insert the backup device.

   If using a USB memory drive, insert the device into the USB port on the front panel. If using a digital video disc (DVD), insert the disc into the DVD drive. If both media are found in the TVR 30, the USB device takes precedence over the DVD.
2. Press the Archive button on the front panel, or remote control, or click Archive in the mouse toolbar.
3. Press Enter to display the Archive screen.
4. Select the cameras you want for archive.
5. Specify a date and time range you want for archive.
6. Select a data type.

   Use the Data Type option to select one of the following:

   Normal. Archive normal video only.

   Event. Archive event video only.

   Both. Archive both normal and event video types.
7. Select the events you want to archive, if required.

   a. Select the Choose Events option.

This option is only enabled if you select Event as the data type. A list of events displays on the Event List screen.

b. Click an event in this screen to be archived.

You can click additional events you want to archive.

Note: When archiving a motion event, the DVR archives the motion event for the selected camera as well as post-event video from all other cameras. The duration of the post-event video is based on the value you specified on the Post-Alarm Seconds option in the Alarms screen.

8. Select a file format.

Use the Format option to specify whether to export to an original, DRV or AVI file type. Selecting the original format results in faster archiving of large amounts of video compared to the DRV format.

Although selecting the original format results in faster archiving, you cannot select which camera to archive. The system archives all the data in the DVR. In addition, when specifying a time range to archive, selecting the original file format results in the exporting of video clips that include the specified time range, but may not be contained in a single file.

The DVR identifies a video clip when the clip reaches 20 MB in size. If you select the original file format and specify a time range with both the start and end times falling in the middle of two video files, both video files are archived.

9. Select Yes for the Begin Export option to start archiving.

Note: The Watermark box is always set to On.

Archiving a video segment in playback mode

While playing back recorded video, you can mark a video segment to archive.

To mark and archive a video segment:

1. Play back recorded video.

See “Playing back video” on page 29 for more information.

2. Press Archive to mark the start time of the video segment you want to archive.
3. Press Archive again to mark the end time of the video segment you want to archive.

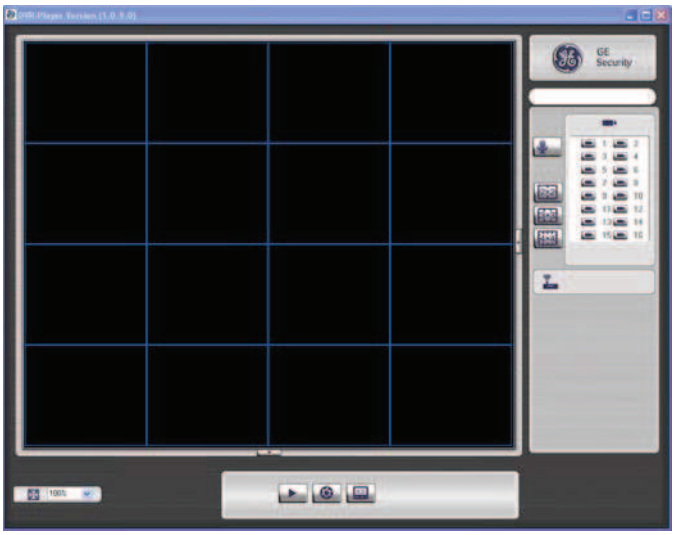
This segment is then archived to the media.

Using the DVR player

Use the DVR player to view video clips archived from the TVR 30 on any PC. The DVR player is automatically included when archiving data from the device. When you insert the backup media into the PC, the DVR player automatically runs.

Note: If your PC is running on Windows Vista or Windows 7, the DVR player may not automatically launch. If so, open the backup media by double-clicking the device drive letter, and then launching the DVR_Player file located in the Player folder.

Figure 16: DVR player



To view archived video using the DVR player:

1. Launch the DVR player.
2. Click Play to display the Data List dialog box.

   The Data List dialog box displays a list of all archived video. If you don't see a list, click Open and browse for the folder containing your archived video.
3. Select an event, and then click Playback to display the Playback screen.

   You can select the start time and cameras from which to play video.
4. Click OK to play back video.

To verify that the video has not been altered, select an event, and then click Verify in the Data List dialog box. The Playback screen displays. If the Status Log reports a value of Good Signature, then the video has not been altered.

To play back a local file previously saved from the DVR, click Local Playback in the Playback screen, and then click Open to browse for the local file.

Logging off

There are two ways to log off. You can:

- Log off manually by pressing Esc while in live mode

  — or —

- Automatically log off from live or menu mode when no buttons are pressed for five minutes

Turning off the TVR 30

To avoiding potentially damaging the TVR 30, use the proper method to turn off the unit.

To turn off or restart the unit:

1. Display the main menu.
2. Select System to display the System screen.
3. Select Shutdown. The Shutdown screen displays.
4. Select Restart to restart the unit or Shutdown to turn off the unit.